WTOD TOLEDO, OH BML-20091216AFX 1560 kHz

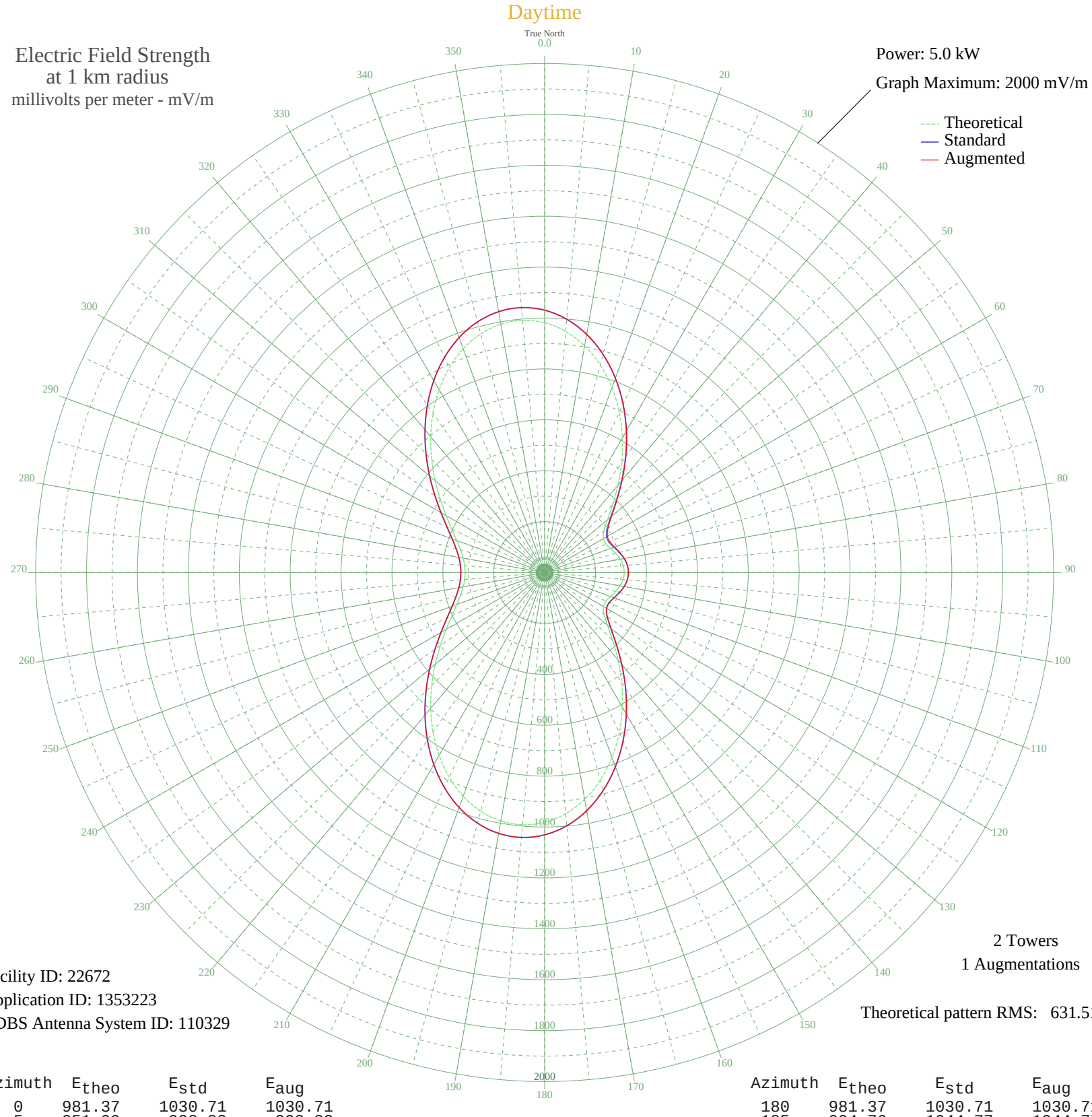
Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented



2 Towers
1 Augmentations

Facility ID: 22672
Application ID: 1353223
CDBS Antenna System ID: 110329

Theoretical pattern RMS: 631.51

Azimuth	E_{theo}	E_{std}	E_{aug}
0	981.37	1030.71	1030.71
5	951.00	998.82	998.82
10	904.76	950.28	950.33
15	844.62	887.16	887.37
20	773.30	812.30	812.77
25	694.07	729.16	730.02
30	610.71	641.67	643.04
35	527.29	554.15	556.15
40	448.23	471.22	473.93
45	378.26	397.86	401.30
50	322.30	339.23	343.25
55	284.64	299.80	304.04
60	266.84	281.16	285.08
65	265.90	280.18	283.31
70	275.44	290.16	292.32
75	288.85	304.20	305.46
80	301.27	317.20	317.77
85	309.73	326.06	326.20
90	312.70	329.18	329.18
95	309.73	326.06	326.06
100	301.27	317.20	317.20
105	288.85	304.20	304.20
110	275.44	290.16	290.16
115	265.90	280.18	280.18
120	266.84	281.16	281.16
125	284.64	299.80	299.80
130	322.30	339.23	339.23
135	378.26	397.86	397.86
140	448.23	471.22	471.22
145	527.29	554.15	554.15
150	610.71	641.67	641.67
155	694.07	729.16	729.16
160	773.30	812.30	812.30
165	844.62	887.16	887.16
170	904.76	950.28	950.28
175	951.00	998.82	998.82

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

19 Apr 2010

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	981.37	1030.71	1030.71
185	994.76	1044.77	1044.77
190	990.96	1040.77	1040.77
195	970.65	1019.46	1019.46
200	935.38	982.43	982.43
205	887.37	932.03	932.03
210	829.40	871.19	871.19
215	764.59	803.17	803.17
220	696.20	731.39	731.39
225	627.44	659.23	659.23
230	561.32	589.85	589.85
235	500.49	526.03	526.03
240	447.08	470.02	470.02
245	402.58	423.37	423.37
250	367.67	386.77	386.77
255	342.18	360.05	360.05
260	325.25	342.32	342.32
265	315.75	332.36	332.36
270	312.70	329.18	329.18
275	315.75	332.36	332.36
280	325.25	342.32	342.32
285	342.18	360.05	360.05
290	367.67	386.77	386.77
295	402.58	423.37	423.37
300	447.08	470.02	470.02
305	500.49	526.03	526.03
310	561.32	589.85	589.85
315	627.44	659.23	659.23
320	696.20	731.39	731.39
325	764.59	803.17	803.17
330	829.40	871.19	871.19
335	887.37	932.03	932.03
340	935.38	982.43	982.43
345	970.65	1019.46	1019.46
350	990.96	1040.77	1040.77
355	994.76	1044.77	1044.77